

## CLAIMS

What is claimed is:

1. A disk drive, comprising:  
a rotating recording disk for storing data;  
an actuator supported for turning on a pivot shaft, and provided with a head capable of either reading data stored in the recording disk or writing data to the recording disk, or of both reading data from and writing data to the recording disk, and a coil disposed on one side of the pivot shaft opposite the other side of the pivot shaft on which the head is disposed; and wherein  
the actuator is provided with a plate disposed near the coil so as to cover part of the coil.
2. The disk drive of claim 1, wherein the plate is a heat-radiating plate.
3. The disk drive of claim 1, wherein the plate is disposed near the pivot shaft.
4. The disk drive of claim 1, wherein the actuator is provided with a plurality of the plates disposed near the coil so as to cover part of the coil.
5. The disk drive of claim 4, wherein the plurality of plates are arranged on the opposite sides of the coil, respectively.
6. The disk drive of claim 1, wherein the plate is provided with grooves at least in one of its surfaces.
7. The disk drive of claim 1, wherein the plate has a rectangular or wavy cross section.

8. A disk drive, comprising:

a rotating recording disk for storing data;

an actuator supported for turning on a pivot shaft, and provided with a head capable of either reading data stored in the recording disk or writing data to the recording disk, or of both reading data from and writing data to the recording disk, and a coil disposed on one side of the pivot shaft opposite the other side of the pivot shaft on which the heads are disposed; and wherein

the actuator is provided with a heat-radiating member disposed near the pivot shaft.

9. The disk drive of claim 8, wherein the heat-radiating member is formed integrally with the pivot shaft.

10. The disk drive of claim 8, wherein the heat-radiating member is bonded adhesively to the pivot shaft.

11. An actuator, comprising:
- a head capable of either reading data or writing data, or of both reading and writing data;
  - a support member supporting the head and being supported for turning on a pivot shaft;
  - a coil supported on one part of the support member opposite a part of the support member on which the head is supported with respect to the pivot shaft; and
  - a plate disposed near the coil so as to cover part of the coil.
12. The actuator of claim 11, wherein the plate is disposed near the pivot shaft.
13. The actuator of claim 11, wherein a plurality of the plates are disposed near the coil so as to cover part of the coil.

14. An actuator, comprising:

a head capable of either reading data or writing data, or of both reading data and writing data;

a support member supporting the heads and being supported for turning on a pivot shaft;

a coil mounted on a part of the support member on the other side of the pivot shaft; and

a heat-radiating member disposed near the pivot shaft.

15. The actuator of claim 14, wherein the heat-radiating member is formed integrally with the pivot shaft.

16. The actuator of claim 14, wherein the heat-radiating member is bonded adhesively to the pivot shaft.